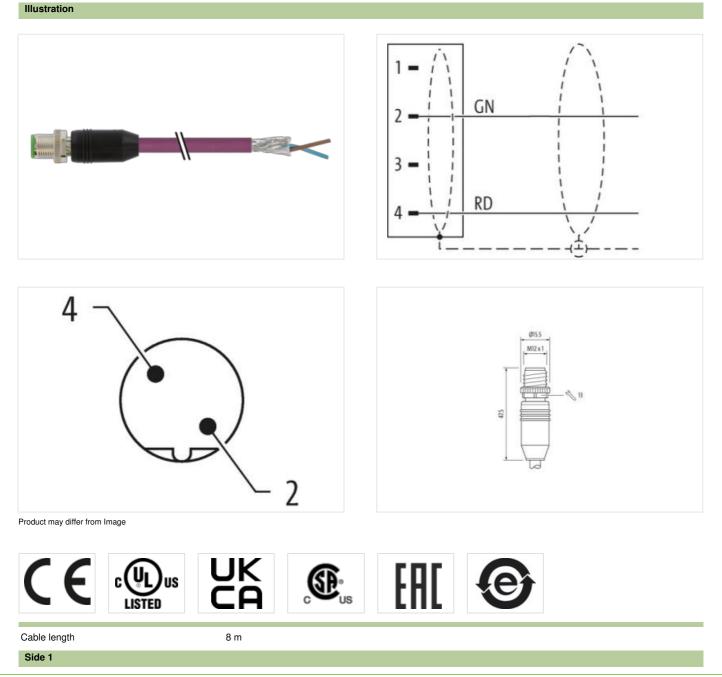


## M12 male 0° B-cod. with cable shielded

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 8m

PROFIBUS Male straight M12, 2-pole B-coded shielded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product



The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-03

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Samily construction form       M12         Samily construction form       M12 x 1         Soding       B         Attential       PUR         Wich access fittes       SW13         Degree of potention (EN IEC 00520)       IPES, IPO6K, IPE7         Side 2       Side 2         Siging largeft (jacket)       20 mm         Construction (EN IEC 00520)       VERS, IPO6R07         Side 2       Side 2         Side 3       27060307         SCLASS 5.0       27060307         SCLASS 5.0       27060307         SCLASS 5.0       27060307         SCLASS 5.0       27060307         SCLASS 5.1.1       27060307         STM       4048279198394         Backarging Inft       1         Beckrical data ISoppy       Sodia ISON         Spearating voltage AC max.       60 V         Spearating voltage AC (Lu-ateed)       30 V         Spearating voltage AC (Lu-ateed)       30 V	Tightening torque	0,6 Nm
Pro-aditM12 × 1DodingBAdarealPURWith across MasSW13Spece a protection (ENEC 60250)IP68, IP687Site 2UmmCommercial data200 mmCommercial data2006 1801CLASS 4.02006 1801CLASS 4.120060307CLASS 4.020060307CLASS 5.120060307CLASS 5.120060307CLASS 5.120060307CLASS 5.120060307CLASS 5.120060307CLASS 5.1.120060307CLASS 5.1.120060307CLASS 5.1.120060307CLASS 5.1.120060307CLASS 5.1.120060307CLASS 5.1.120060307CLASS 5.1.120060307CLASS 5.1.120060307CLASS 5.2.220001855Statema full murber85444290201020001852Statema full murber8544290201130 V201230 V2012201120122011201230 V2012201120122011201220112012201120122011201230 V201230 V201230 V201230 V201230 V201230 V201230 V201330 V201430 V201430 V201430 V201430 V </td <td>Mounting method</td> <td>inserted, screwed</td>	Mounting method	inserted, screwed
SodingBSodingPURVith across flatsSV13Degree of potection (EN IEC 60529)IPES, IPEGK, IPE7Side 2Sv13Stripping length (acket)20 nmConneccial data2006307SCLASS-6.02006307SCLASS-7.02	Family construction form	M12
Atamia       PUB         With across flats       WH3         Signers of protection (ENIEC 60520)       IP65, IP66Y, IP67         Sine 2       Sine 2         Commercial data       200 nm         Commercial data       2006307         CLASS 5.6.1       2066307         CLASS 5.0       2066307         CLASS 5.0       2066307         CLASS 5.0       2066307         CLASS 5.0       2066307         CLASS 5.1.1       2066307         CLASS 5.0       2066307         SCLASS 5.1.1       2066307         SCLASS 5.1.1       2066307         SCLASS 5.0       2060307         SCLASS 5.1       2060307         SCLASS 5.0       2060307 <td>Thread</td> <td>M12 x 1</td>	Thread	M12 x 1
Webh across files       WH3         Jagnee of protection (EN IEC 60529)       IPES, IPESK, IPE7         Sine 2       2         Commercial data       2         SCLASS 8.6       2         CLASS 8.0       2         CLASS 8.11       2         CLASS 8.12       2         CLASS 8.13       2         SCLASS 1.1       2         Pactaging unit       4         State 2       2         State 3       2         Pactaging unit       4         State 3       3         Pactaging unit       3         Pactaging unit       4         State 3       3         Pactaging unit       4         State 3       3         Pactaging unit       1         Stat3	Coding	В
Sages of protection (EN IEC 60529)       IP65, IP66K, IP67         Site 2       Site 2         Site (scket)       20 mm         Commercial discussion       2006007         ScLASS-6.0       27060307         ScLASS-6.1       27060307         ScLASS-6.0       27060307         ScLASS-6.0       27060307         ScLASS-6.0       27060307         ScLASS-6.0       27060307         ScLASS-10.1       27060307         ScLASS-10.2       27060307         ScLASS-10.3       27060307         ScLASS-10.4       27060307         ScLASS-10.5       27060307         ScLASS-10.4       27060307         ScLASS-10.5       27060307         ScLASS-10.5       27060307         ScLASS-10.4       27060307         ScLASS-10.5       27060307         ScLASS-10.5       27060307         ScLASS-10.6       27060307         ScLASS-10.6       27060307         ScLASS-10.7       27060307         ScLASS-10.6       27060307         ScLASS-10.6       27060307         ScLASS-10.6       2706037	Material	PUR
Sike 2       20 mm         Commercial data       20 mm         Commercial data       2000007         CCASS 6.0       27060307         CCASS 5.0       27060307         CCASS 5.10       CCOMSES         Scaland 1       CCOMSES         CCASS 5.10       CCOMSES         Scaland 1       Scaland 1	Width across flats	SW13
singing length (jacket)20 mmColspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2"Colspan="2">Colspan="2"Colspan="2">Colspan="2"Colspan="2">Colspan="2"Colspan="2">Colspan="2" <td>Degree of protection (EN IEC 60529)</td> <td>IP65, IP66K, IP67</td>	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data         CCLASS-0.0       27061801         CCLASS-0.0       27060307         CCLASS-7.0       27060307         CCLASS-3.0       27060307         CCLASS-3.0       27060307         CCLASS-10       27060307         CCLASS-10.1       27060307         CCLASS-10.1       27060307         CCLASS-10.1       27060307         CCLASS-10.2       27060307         CCLASS-10.4       27060307         CCLASS-10.4       27060307         CCLASS-10.4       27060307         CLASS-10.4       27060307         CLASS-10.4       27060307         CLASS-10.4       4001         Collasted Jan       60 V         Deperating voltage AC (UL-listed)       30 V         Deperating voltage AC (UL-listed)       30 V         Darenating par contact max.	Side 2	
CLASS-0.0       27061801         CCLASS-6.1       27060307         CCLASS-6.0       27060307         CCLASS-8.0       27060307         CCLASS-8.0       27060307         CCLASS-8.0       27060307         CCLASS-8.0       27060307         CCLASS-10.1       27060307         CCLASS-11.1       27060307         CCLASS-12.0       27060307         CCLASS-12.0       27060307         CCLASS-12.0       27060307         CCLASS-12.0       27060307         CCLASS-12.0       27060307         Staff       CCLOSS-512.0         Staff       Staff	Stripping length (jacket)	20 mm
ECLASS-6.1       27060307         ECLASS-7.0       27060307         ECLASS-7.0       27060307         ECLASS-8.0       27060307         ECLASS-10.1       27060307         ECLASS-10.1       27060307         ECLASS-11.1       27060307         ECLASS-12.0       27060307         ECLASS-12.0       27060307         ECLASS-11.1       27060307         ECLASS-12.0       27060307         ECLASS-11.1       27060307         ECLASS-12.0       27060307         ECLASS-11.1       27060307         ECLASS-12.0       27060307         Electical data [ Supply       1         Electical data [ Supply       100 Mm         Adverting orde	Commercial data	
ECLASS 7.0       27060307         ECLASS 8.0       27060307         ECLASS 9.0       27060307         ECLASS 9.1       27060307         ECLASS 10.1       27060307         ECLASS 11.1       27060307         ECLASS 12.0       27060307         ETM 5.0       EC001855         sustoms tarff number       8544290         TTN       404873193394         *ackaging unit       1         Electrical data   Supply       2         Operating voltage AC max.       60 V         Operating voltage AC max.       60 V         Operating voltage AC max.       60 V         Operating voltage AC (UL-listed)       30 V         Deparating voltage AC (UL-listed)       30 V         Stripple registrip target max.       4 A         Installation   Connection <td< td=""><td>ECLASS-6.0</td><td>27061801</td></td<>	ECLASS-6.0	27061801
ECLASS 8.0       27060307         ECLASS 9.0       27060307         ECLASS 9.0       27060307         ECLASS 9.1       40487919834         Stades 1900       40487919834         Packaging unit       1         Electrical data   Supply       50 V         Deparating voltage C CuL-listed       30 V         Current oparating portage AC (UL-listed)       30 V         Darrent oparating portage AC (UL-listed)       30 V         Current oparating topic (EctAsset)       Met 2 1         Device protection   Electrical       4A         Stade surge voltage       1.5 KV <t< td=""><td>ECLASS-6.1</td><td>27060307</td></t<>	ECLASS-6.1	27060307
ECL ASS 9.027060307CCL ASS 1.127060307CCL ASS 1.127060307CCL ASS 1.2.027060307CCL ASS 1.2.027060307CCL ASS 1.2.027060307CCL ASS 1.2.027060307CCL ASS 1.2.0E0001855Subsons fairff number85444930STIN4048979198394Parakaging unit1Electrical data   SupplyDeparating voltage AC max.Deparating voltage AC max.60 VOperating voltage AC max.60 VOperating voltage AC (L-listed)30 VControl to max.4 AInstillation   ConnectionM12 x 1Evice protection   ElectricalM12 x 1Advanting set1.5 kVViditional condition protection degreeinserted, screwedVoltarial group (IEC 60664.1)1Evice protection   ElectricalViditional condition protection degreeViditional condition protection degree3Viditional condition protection degree3Viditional group (IEC 60664.1)1Mechanical dataMacing addDeriver wordset hoseWidhutMechanical dataSinc die-castingMechanical data   Mounting dataZinc die-castingMechanical data   Mounting dataSinc die-castingMechanical data   Mounting dataSinc Ginc Ginc Ginculo	ECLASS-7.0	27060307
ECLASS-10.1       27060307         CCLASS-11.1       27060307         CCLASS-12.0       27060307         ECLASS-12.0       EC001855         EXIM-S.0       EC001855         Staff number       8544290         3TIN       4048879198394         Acakaging unit       1         Electrical data   Supply          Operating voltage AC max.       60 V         Operating voltage AC (UL-listed)       30 V         Deprating voltage AC (UL-listed)       30 V         Durent operating sortage are conset max.       4 A         Installation   Connection          Stripping length (iacket)       20 mm         Additional condition protection degree       inserted, screwed         Additional condition protection degree       3         Stated surge voltage       1,5 kV         Additional condition protection degree       1         Mechanical data       Material group (IEC 60664-1)         I       Mechanical data   Meterial deta	ECLASS-8.0	27060307
ECLASS-11.1       27060307         ECLASS-12.0       27060307         ETIM-5.0       EC001865         usuoms taff number       8544290         TTN       4048879198394         Packagin unit       1         Electrical data   Supply       Deperating voltage AC max.         60 V       O         Operating voltage AC max.       60 V         Operating voltage AC max.       60 V         Operating voltage AC (UL-listed)       30 V         Devicent operating voltage AC (UL-listed)       30 V         Stated stare group tat max.       4 A         Instaliation   Connection       Instaliation   Connection         Stated stare group tat max.       4 A         Device protection   Electrical       Mate stare group (UE Gon66+1)         Voltational condition protection degree       inserted, screwed         Stated surge voltage       1,5 kV         Material group (UE Gon66+1)       i	ECLASS-9.0	27060307
ECLASS-12.0   27060307     ETIM-5.0   EC001655     sustoms tariff number   8544290     TIN   4048879198394     Packaging unit   1     Electrical data   Supply      Diperating voltage AC max.   60 V     Operating voltage AC max.   60 V     Operating voltage AC max.   60 V     Operating voltage AC (LL-listed)   30 V     Operating voltage AC (LL-listed)   30 V     Operating voltage AC (LL-listed)   30 V     Device mode max.   4 A     Installation   Connection      Stripping length (jacket)   20 mm     Adouting set   M12 x 1     Device protection   Electrical      Validitional Condition protection degree   inserted, screwed     Pollution Degree   3     Pated surge voltage   1,5 kV     Ataterial group (IEC 60664-1)   1     Mechanical data      Data group of intig   nickel plated     Contury or corrugated hose   without     Mechanical data   Material data      Data group (IEC 60664-1)   inc die-casting     Mechanical data   Material data      Data group (IEC 60664-1)   inc die-casting     Material group (IEC 60664-1)   <	ECLASS-10.1	27060307
TIM-5.0   EC001855     ustors fartif number   8544290     STIN   4048879186394     ackaging unit   1     Electrical data   Supply   Stakaging unit     Diperating voltage AC max.   60 V     Operating voltage AC (UL-listed)   30 V     Operating voltage DC (UL-listed)   30 V     Diperating voltage DC (UL-listed)   30 V     Diperating voltage DC (UL-listed)   30 V     Diperating voltage DC (UL-listed)   30 V     Durrent operating per contact max.   4 A     Installation   Connection   Installation   Connection     Stripping length (jacket)   20 mm     Additional condition protection degree   inserted, screwed     Polution Dagree   3     Stated surge voltage   1.5 kV     Material group (EC 60684-1)   1     Mechanical data   Material data     Dotor for corrugated hose   without     Mechanical data   Material data   Xickeld     Coating focking   nickel plated     Coating focking   nickel plated     Coating focking   incer-casting     Mechanical data   Mutrid data   Ince (screwed, Shaking protection     Environmental characteristics / Climatic   -25 °C     Operating temperature min.   -25 °C <	ECLASS-11.1	27060307
bustoms tariff number       85444290         STIN       4048879198394         Packaging unit       1         Electrical data   Supply       50         Operating voltage AC max.       60 V         Operating voltage DC max.       40 V         Operating voltage DC max.       40 V         Operating voltage DC max.       4 A         Installation (Connection       10 V         Stripping length (jacket)       20 mm         Mouning set       M12 x 1         Device protection   Electrical       1         Atach surge voltage       1,5 kV         Ataled surge voltage       1,5 kV         Atach surge voltage       1,5 kV         Atach surge voltage       1,5 kV         Atach and surge voltage       1,5 kV         Atach andate       1,5 kV	ECLASS-12.0	27060307
3TIN   4048879198394     Packaging unit   1     Electrical data   Supply   500 V     Diperating voltage DC max.   60 V     Operating voltage DC (UL-listed)   30 V     Durent operating per contact max.   4 A     Installation   Connection   1     Stripping length (acket)   20 mm     Adouting set   M12 x 1     Device protection   Electrical   1     Addition protection degree   1.5 kV     Atleet surge voltage   1,5 kV     Atleet surge voltage   1,5 kV     Atleet surge voltage   1     Dottor for corrugated hose   without     Mechanical data   20 mc     Coating of fitting   nickeled     Coating of kitting   1     Mechanical data   20 mc     Coating of kitting   nickeled     Coating of kitting   10 kitting     Mechanical data   Material data   20 mc     Coating of kitting   nickeled     Coating of kitting   nickeled     Coating of kitting   nickele plated     C	ETIM-5.0	EC001855
Packaging unit       1         Electrical data   Supply         Derrating voltage AC max.       60 V         Operating voltage DC max.       60 V         Derrating voltage DC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Device protection per contact max.       4 A         Installation   Connection       Installation   Connection   Electrical         Adunting set       M12 x 1         Device protection   Electrical       screwed         Voltion Degree       3         Rated surge voltage       1,5 kV         Adaterial group (EC 60664-1)       I         Mechanical data       Mounting set         Doritor corrugate hose       without         Conting row protection   Material data       Journe         Dotating of fitting       nickel plated         Coating of fitting       Nickeled         Coating of fitting       Inc die-casting         Adaterial screw connection       Zinc die-casting         Mechanical data   Mounting data       Korewed, Shaking protection         Environmental chara	customs tariff number	85444290
Electrical data   Supply         Operating voltage AC max.       60 V         Operating voltage DC max.       60 V         Operating voltage AC (LI-isted)       30 V         Operating voltage AC (UL-isted)       30 V         Operating voltage DC (UL-isted)       30 V         Operating voltage AC (LI-isted)       30 V         Operating voltage AC (UL-isted)       30 V         Operating voltage AC (UL-isted)       4 A         Installation   Connection       4 A         Stripping length (jacket)       20 mm         Mounting set       M12 x 1         Device protection   Electrical       inserted, screwed         Sollution pgree       3         Rated surge voltage       1, 5 kV         Adaterial group (IEC 60664-1)       1         Mechanical data       Material data         Contour for corrugated hose       without         Contour for corrugated hose       without         Coating of King       Nickeled         Coating of King       Nickeled         Coating of King       Nickeled         Coating of Riting       Nickel acting         Coating of Riting       Nickeled, screwed, Shaking protection <t< td=""><td>GTIN</td><td>4048879198394</td></t<>	GTIN	4048879198394
Operating voltage AC max.       60 V         Operating voltage AC (UL-listed)       30 V         Operating voltage AC (UL-listed)       30 V         Operating voltage AC (UL-listed)       30 V         Current operating per contact max.       4 A         Installation   Connection       Installation   Connection         Adventing set       M12 x 1         Device protection   Electrical       Inserted, screwed         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Adaterial group (IEC 60664-1)       1         Mechanical data       Inserted, screwed         Contour for corrugated hose       without         Mechanical data       Inserted, screwed         Coating locking       Nickeled         Coating of fitting       nickel plated         Coating of corrugated hose       without         Mechanical data   Mounting data       Zinc die-casting         Adaterial screw connection       Zinc die-casting         Adaterial screw connection       Ise-casting         Mechanical data   Mounting data       Kereed, screwed, Shaking protection         Evroromental chara	Packaging unit	1
Additional connection       60 V         Operating voltage DC max.       60 V         Operating voltage DC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Durrent operating per contact max.       4 A         Installation   Connection       Installation   Connection         Stripping length (jacket)       20 mm         Addurting set       M12 x 1         Device protection   Electrical       Inserted, screwed         Voltion Degree       3         Pollution Degree       3         Atadet surge voltage       1,5 kV         Additional condition protection degree       inserted, screwed         Voltage DC Große4-1)       I         Mechanical data       Douter corrugated hose         Sontour for corrugated hose       without         Mechanical data   Material data       Done classing         Coating locking       Nickeled         Coating of fitting       nickel plated         Coating material       Zinc dis-casting         Material screw connection       Zinc dis-casting         Muting method       inserted, screwed, Shaking protection         Evironmental characteristics   Climatic       Sre C	Electrical data   Supply	
Operating voltage AC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Surrent operating per contact max.       4 A         Installation   Connection       Installation   Connection         Stripping length (jacket)       20 mm         Jounting set       M12 x 1         Device protection   Electrical       instellation   Connection         Validitional condition protection degree       inserted, screwed         Olution Degree       3         Rated surge voltage       1,5 kV         Material group (IEC 60664-1)       I         Mechanical data       inserted, screwed         Contour for corrugated hose       without         Mechanical data   Material data       Jounting defee         Coating locking       Nickeled         Coating of fitting       nickel plated         Jounting material       Zine cia-casting         Mechanical data   Mounting data       Jounting method         Auterial screw connection       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Jounting data         Jounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Sin °C <td>Operating voltage AC max.</td> <td>60 V</td>	Operating voltage AC max.	60 V
Operating voltage DC (UL-listed)       30 V         Durrent operating per contact max.       4 A         Installation   Connection       Installation   Connection         Stripping length (jacket)       20 mm         Adounting set       M12 x 1         Device protection   Electrical       Installation protection degree         Valuation a condition protection degree       inserted, screwed         Valuation a condition protection degree       3         Valuation a condition protection degree       1,5 kV         Valuaterial group (IEC 60664-1)       1         Mechanical data       Instellation   Mickel delectrical         Valuaterial group (IEC 60664-1)       1         Mechanical data       Material data         Dontour for corrugated hose       without         Mechanical data   Material data       Valuaterial condition         Coating of fitting       nickel plated         Coating of fitting       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Unuting method         Environmental characteristics   Climatic       25 °C         O	Operating voltage DC max.	60 V
Durrent operating per contact max.       4 A         Installation   Connection       20 mm         Mounting set       M12 x 1         Device protection   Electrical       inserted, screwed         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Atterd surge voltage       1,5 kV         Adaterial group (IEC 60664-1)       1         Mechanical data       ithout         Mechanical data       without         Dotaing locking       nickel plated         Coating of fitting       nickel plated         Coating of fitting       Cide-casting         Material stal   Mounting data       Zinc die-casting         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       20 °C         Deparating temperature min.       -25 °C         Operating temperature max.       85 °C	Operating voltage AC (UL-listed)	30 V
Installation   Connection       20 mm         Stripping length (jacket)       20 mm         Mounting set       M12 x 1         Device protection   Electrical       inserted, screwed         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Material group (IEC 60664-1)       1         Mechanical data       V         Machanical data       without         Contour for corrugated hose       without         Coating locking       Nickeled         Coating locking       Nickeled         Coating of fitting       nickel plated         cocking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Inserted, screwed, Shaking protection         Environmental characteristics   Climatiti       Limated, screwed, Shaking protection         Environmental characteristics   Climatiti       -25 °C         Operating temperature max.       85 °C	Operating voltage DC (UL-listed)	30 V
Stripping length (jacket)       20 mm         Mounting set       M12 x 1         Device protection   Electrical       inserted, screwed         Additional condition protection degree       3         Pollution Degree       3         Pated surge voltage       1,5 kV         Adterial group (IEC 60664-1)       1         Mechanical data       inserted, screwed         Pollution for corrugated hose       without         Contour for corrugated hose       without         Device protection   Electrical       inserted, screwed, protection   Electrical         Coating locking       Nickeled         Coating of fitting       nickel plated         Coating of fitting       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C	Current operating per contact max.	4 A
Mounting set       M12 x 1         Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Adterial group (IEC 60664-1)       I         Mechanical data       Viet         Contour for corrugated hose       without         Mechanical data   Material data       Viet         Coating locking       Nickeled         Coating of fitting       nickel plated         Coating anterial       Zinc die-casting         Mechanical data   Mounting data       Viet         Coating meterial       Sinceled, screwed, Shaking protection         Mechanical data   Mounting data       Coating         Coating meterial       Sinceled, screwed, Shaking protection         Deparating temperature min.       -25 °C         Operating temperature max.       85 °C	Installation   Connection	
Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Adatrial group (IEC 60664-1)       I         Mechanical data       vithout         Contour for corrugated hose       without         Dontour for corrugated hose       vithout         Contour for corrugated hose       Nickeled         Coating locking       Nickeled         Coating of fitting       nickel plated         Coating aterial screw connection       Zinc die-casting         Mechanical data   Mounting data       Jinc die-casting         Mechanical data   Mounting data       Iserted, screwed, Shaking protection         Environmental characteristics   Climatic       Screwed, Shaking protection         Environmental characteristics   Climatic       25 °C         Operating temperature min.       25 °C	Stripping length (jacket)	20 mm
Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Material group (IEC 60664-1)       1         Mechanical data       ithout         Mechanical data       without         Mechanical data   Material data       vithout         Contour for corrugated hose       without         Mechanical data   Material data       vithout         Coating locking       Nickeled         Coating locking       nickel plated         Coating serve connection       Zinc die-casting         Adterial screw connection       Zinc die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Viecee         Deprating temperature min.       -25 °C         Operating temperature max.       85 °C	Mounting set	M12 x 1
Pollution Degree       3         Rated surge voltage       1,5 kV         Material group (IEC 60664-1)       I         Mechanical data       without         Mechanical data       without         Mechanical data       Nickeled         Coating locking       Nickeled         Coating of fitting       nickel plated         Cocking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       25 °C         Operating temperature max.       85 °C	Device protection   Electrical	
Pollution Degree       3         Rated surge voltage       1,5 kV         Material group (IEC 60664-1)       I         Mechanical data       without         Mechanical data       without         Mechanical data       Nickeled         Coating locking       Nickeled         Coating of fitting       nickel plated         Cocking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       25 °C         Operating temperature max.       85 °C	Additional condition protection degree	inserted, screwed
Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     I       Mechanical data     without       Contour for corrugated hose     without       Mechanical data   Material data     Vickeled       Coating locking     Nickeled       Coating of fitting     nickel plated       cocking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C		
Material group (IEC 60664-1)     I       Mechanical data     without       Contour for corrugated hose     without       Mechanical data   Material data     Mechanical data   Material data       Coating locking     Nickeled       Coating of fitting     nickel plated       Cooking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C	Rated surge voltage	-
Mechanical data     without       Contour for corrugated hose     without       Mechanical data   Material data     Mickeled       Coating locking     Nickeled       Coating of fitting     nickel plated       Cocking material     Zinc die-casting       Methanical data   Mounting data     Zinc die-casting       Methanical data   Mounting data     Mickeled, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C	Material group (IEC 60664-1)	
Mechanical data   Material data       Coating locking     Nickeled       Coating of fitting     nickel plated       Cocking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C	Mechanical data	
Coating locking     Nickeled       Coating of fitting     nickel plated       Cocking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -25 °C       Operating temperature max.     85 °C	Contour for corrugated hose	without
Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C	Mechanical data   Material data	
Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C	Coating locking	Nickeled
Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C	Coating of fitting	nickel plated
Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Inserted, screwed, Shaking protection     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C	Locking material	Zinc die-casting
Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic     Operating temperature min.   -25 °C     Operating temperature max.   85 °C	Material screw connection	Zinc die-casting
Environmental characteristics   Climatic     Operating temperature min.   -25 °C     Operating temperature max.   85 °C	Mechanical data   Mounting data	
Operating temperature min.   -25 °C     Operating temperature max.   85 °C	Mounting method	inserted, screwed, Shaking protection
Departing temperature max. 85 °C	Environmental characteristics   Climatic	c
	Operating temperature min.	-25 °C
Additional condition temperature range depending on cable quality	Operating temperature max.	85 °C
	Additional condition temperature range	depending on cable quality

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-03

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Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be Note on bending radius endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation | Cable Cable identification 840 Jacket Color violet Type of Certificate cURus Amount stranding 1 Stranding 2 wires twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 70 % Banding Fleece, Foil wire arrangement red, green Traversing distance (C-track) 5 m @ 25 °C | horizontal Cable weigth 82,5 g/m Material jacket TPE-V Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,8 mm Tolerance outer diameter (sheath) ±5% Material inner jacket TPE-V Color (inner jacket) white Amount wires 2 Outer diameter insulation 2,55 mm Outer diameter tolerance core insulation + 5 % Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 24 AWG Diameter of single wires Conductor crosssection (wire) 24 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max 250 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3 A Electrical resistance line constant wire 78 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1 kV @ 60 s Electrical capacity line constant (wire - wire) 30000 pF/km Power frequency withstand voltage (wire 1 kV @ 60 s jacket) 1 kV @ 60 s AC withstand voltage (wire - shield) Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 | IEC 60332-2-2 | UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing | DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter 5 Mio. @ 25 °C Travel speed (C-track)

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